

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121621\
 Data File : VL038206.D
 Acq On : 17 Dec 2021 2:18
 Operator : SY/AP
 Sample : M5119-03
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 SG-4

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 12/20/2021
 Supervised By :Mahesh Dadoda 12/20/2021

Quant Time: Dec 18 04:37:16 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111821A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Thu Nov 18 13:16:09 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	823906	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2509354	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.13	117	1359481	10.00	ppbv	0.05

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2828803	28.85	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	288.50%#

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	3.06	85	25047732	184.048	ppbv #	35
3) Chlorodifluoromethane	3.00	51	2528510	14.614	ppbv	96
5) Vinyl Chloride	3.27	62	45861	0.794	ppbv	91
7) Chloroethane	3.57	64	10516m	0.513	ppbv	
9) Propene	3.02	41	8330393	130.730	ppbv	84
10) Heptane	8.14	43	7025254	44.608	ppbv	97
11) Trichlorofluoromethane	3.96	101	106958	0.826	ppbv	99
13) Ethanol	3.61	45	302486	49.121	ppbv	86
15) Acetone	3.85	43	9307715	130.298	ppbv #	85
19) Isopropyl Alcohol	3.98	45	4682082	90.714	ppbv #	1
20) Methylene Chloride	4.36	84	1561477	39.026	ppbv	96
26) Hexane	5.70	57	1285234	11.232	ppbv #	53
27) Carbon Disulfide	4.56	76	91655	0.894	ppbv #	89
30) Cyclohexane	7.14	84	94038	0.905	ppbv #	1
34) 2-Butanone	5.25	43	5083187	50.237	ppbv	97
36) Benzene	6.90	78	754864	3.016	ppbv	99
38) Trichloroethene	7.84	130	16293m	0.173	ppbv	
43) Methyl Methacrylate	8.02	69	300998	3.515	ppbv	99
52) Tetrachloroethene	11.28	164	26789m	0.289	ppbv	
53) Toluene	9.82	91	1198786	4.162	ppbv	98
58) Ethyl Benzene	12.77	91	21918530	97.547	ppbv #	71
59) m/p-Xylene	13.04	91	28282065	149.522	ppbv #	78
60) o-Xylene	13.75	91	9840395	56.081	ppbv	97
62) Isopropylbenzene	14.70	105	197207	0.792	ppbv	100
64) n-propylbenzene	15.58	120	12756m	0.201	ppbv	
69) p-Isopropyltoluene	17.66	119	433120	1.811	ppbv	99
72) 4-Ethyltoluene	15.87	105	61501m	0.302	ppbv	
73) 1,3,5-Trimethylbenzene	16.01	105	46419	0.250	ppbv	96
74) 1,2,4-Trimethylbenzene	16.78	105	168301	0.879	ppbv #	68

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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